

Faculty Profile

Personal Information

- **Name:** Mrs. Pallavi K N
- **Designation:** Assistant Professor
- **Department:** Information Science and Engineering
- **Email:** pallavikn.rvitm@rvei.edu.in
- **Phone:** +91 63605 24043

LinkedIn: www.linkedin.com/in/pallavikn

Domain of Expertise

- Computer Vision
- Artificial Intelligence - Machine Learning and Deep Learning
- Web development

Research Focus

- **Primary Area:** Image Processing, AI and ML,

Academic Qualifications

- **Ph.D(Pursuing):** Completed Coursework in Jan-2026
- **M.Tech.:** [Computer Science and Engineering], [P E S Institute of Technology], [2016]
- **B.E. :** [Computer Science and Engineering], [S J B Institute of Technology], [2014]

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From-To)
1.	R V Institute of Technology and Management	Assistant Professor	Mar 03, 2025 – Till Date
2.	K S Institute of Technology	Assistant Professor	Sep 2021 – Sep 2024

Publications & Patents

Journal Publications

- Chaitra R, Jeevan, Kavitha R, Kavya R, Mrs.Pallavi K N “AI –Enhanced Education: Integrating ChatGPT and Image Generation for Dynamic Learning Experiences”, Journal of Xidian University (JXU), Volume:18, Issue: 4, 2024, ISSN :1001-2400, Certificate ID:JXU-R10443, Page No:252-258.
- Aaqib Bashir, Ankita Choudhary, Goel Ananya Devendra, Manish Pikhan, Mrs.Pallavi K N “BLOCKCHAIN WALLET FOR LEGAL RECORDS”, Journal of Xidian University (JXU), Volume:18, Issue: 4, 2024, ISSN :1001-2400, Certificate ID:JXU-R10490, Page No:599-606.
- Mrs.Pallavi K N “Contextual AI Transformer: A New Chapter in Higher Education” International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume: 10 Issue: 10|October 2023 ISSN (O): 2393-8021 ISSN (P):2394-1588 Impact Factor value: 8.066 DOI:10.17148/IARJSET.2023.101013 Paper ID:IJRASET51768 Page No:91-94
- Mrs. Pallavi K N ,Praveen Kumar K,P Sai Ram, Rakshith Kumar N, Pavan P “Blockchain Based E Voting System” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

Conference Papers

- Pallavi K N, S. Krishnamurthi, S. Verma, and S. Z. Hussain, “AI-Powered Patient Care and Coordination Platform: A Literature Survey,” *International Journal of Innovative Research in Engineering and Applications (IJIRAE)*, vol. 12, no. 10, 2025.
- Pallavi K N, C. Aryaa V., J. H. Saudagar, and A. Shivajirmath, “AI-Assisted Assessment Platforms with Real-time Monitoring: A Comprehensive Survey,” presented at the *National Conference on Recent Innovations in Engineering (NCRIE-2025)*, K. S. Institute of Technology, Bengaluru, India, Dec. 4, 2025.
- Mrs. Pallavi K N, Ms. S Sanchana Shetty, Ms Sneha D Bhat “Evolution of Brain-Computer Interfaces: A Full-Spectrum Review of Non-Invasive and Invasive Systems,” NCRIE-2025, KSIT, Bengaluru, 2025.

Books

1. AI Integration in Cloud and Edge Computing. Authors: Prof. Namrata Brahmaprakash, Prof. Tobassum Fathima, **Pallavi K N**, Dr. Sarala S Shirabadagi. Publisher: Technical Press. ISBN: 978-81-69069-99-1. Publication Date: March 2026.

Patents **[Published / Granted]**

1. Improving CT Scan efficiency through breadth holding analysis 202541099530, 28-11-2025.(**Status Published**): **Inventors**: Abhinav R B, Sagari S M and **Pallavi K N**

2. Dr. Solaimuthu Chandrakasan, Dr. Annadurai Anandaraj, Dr. Dharuman Salangai Nayagi, Dr. Lella Kranthi Kumar, Mrs. Maddur Gopal Shruthi, Dr. Palanisamy Saravanan, **Mrs. Pallavi Kandibilla Nagaraja Naidu** and Dr. Pappaiah Jesu Antony Alphonse, A Machine Learning-Driven Real-Time Patient Monitoring and Health Risk Prediction System, German Utility Model Patent File Number: 20 2025 102 711.9, Filed on 16.05.2025 (Granted on 08.07.2025).
3. Dr. Solaimuthu Chandrakasan, Dr. Manjunatha Prasad Ramaswamy, Mrs. Namrata Brahamaprakash, **Mrs. Pallavi Kandibilla Nagaraja Naidu**, Ms. Shilpa Sannamani, Mrs. Chaitra Somappaiah Prasad, Dr. Vinoth Kumar Madhaiyan and Dr. Subramaniaswamy Vairavasundaram, AI Based Smart Pharmacological Testing Device for Evaluation of Drug Efficacy and safety, UK Design Patent Application Number: 6437967, 15.04.2025 (**Granted on 23.04.2025**).

Development Learning

- Mrs. Pallavi K N attended Six Days Faculty Development Programme on “Art of Journal Paper Writing: From Research to SCI / Scopus Publication” organized by Department of Computer Science and Engineering, D Y Patil College of Engineering and Technology, Kolhapur, Maharashtra from 1st to 6th November 2025.
- Mrs. Pallavi K N attended Five Days Faculty Development Programme on “Artificial Intelligence and Machine Learning for Medical Image Processing – Python & Matlab Perspective” organized by Department of Electronics and Communication Engineering, C M R Institute of Technology from 10th to 14th November 2025.
- Mrs. Pallavi K N, has successfully participated in the National-Level Online Workshop on “Application Development with AI & Essential Skills” Organized by RV Institute of Technology and Management In association with Brainovision Solutions India Pvt. Ltd. in collaboration with AICTE (All India Council for Technical Education), held from June 23 to June 27, 2025.
- Mrs. Pallavi K N attended Five Days Faculty Development Programme on “Outcome Based Education” organized by Department of Computer Science and Engineering, K S Institute of Technology from 3rd June to 7th June 2024.
- Mrs. Pallavi K N attended Three Days Faculty Development Programme on “Full Stack Development Using Django” organized by Department of Information Science and Engineering, JSS Academy of Technical Education from 1 st April to 3 rd April 2024.
- Mrs. Pallavi K N attended Six Days Professional Development Programme on “IP Incubation and Starups” organized by KSIT - KSCST IP cell, K S Institute of Technology in association with patent information center, Karnataka State Council for Science and Technology IISC Campus, Bengaluru from 3rd August to 8th August 2023.
- Mrs. Pallavi K N completed 12 weeks Faculty Development Programme on —The Joy of Computing using Python” organized by NPTEL-AICTE from Jan – April 2023.
- Mrs. Pallavi K N attended Five Days Faculty Development Programme on —Importance of Data Science in Machine Learning and its Applications” organized by Department of Computer Science and Engineering and Information Science and Engineering, R V Institute of Technology and Management from 6th February - 10th February 2023.
- Mrs. Pallavi K N attended on Faculty Development Programme on “Introduction to Research” organized by NPTEL- AICTE from February to April 2022.
- Mrs. Pallavi K N attended on Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.

- Mrs. Pallavi K N attended on Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- Mrs. Pallavi K N attended Training Program “Feature Engineering in Data Science & Deep Learning Models” organized by GAT on 25th to 29th Aug 2021.

Professional Memberships

- IEEE
- IAENG

Student Supervision

- Undergraduate Guide
- Counsellor for 40 Students

Teaching

Core Courses:

- Fullstack Development
- OOPS with Java
- Programming in C
- Web Technology and its Applications
- User Interface Design

Responsibilities

- Time Table Coordinator
- Department level Media Cell Coordinator
- College level Media Member
- Department level Industrial Visit Coordinator

Cultural Awards

- Mrs. Pallavi K N secured Second Place in the Rangoli Competition conducted by WEC, R V Institute of Technology and Management on 9th March 2026.
- Mrs Pallavi K N secured First Place in the Pookalam competition for exceptional creativity, dedication, and artistic expression that brought beauty and festive spirit- Onam 2025 organized by R V Institute of Technology and Management.